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CARRIER REUSE OF DEVICE-TO-DEVICE  
(D2D) COMMUNICATION IN CELLULAR  
NETWORKS****Publication Classification**

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(57) **ABSTRACT**(73) Assignee: **NOKIA CORPORATION**, Espoo (FI)(21) Appl. No.: **14/404,778**(22) PCT Filed: **Jun. 4, 2012**(86) PCT No.: **PCT/CN2012/076438**

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An apparatus and method for interference-avoidance in a hybrid communications network is provided. The method includes obtaining related information for interfering cellular user equipment in the hybrid network, reporting the related information for the interfering cellular user equipment to an evolved Node B (eNB), receiving a list of component carriers and competition related information for the component carriers, and selecting one or more proper component carriers from the list of component carriers according to certain rules.

